

DISTRIBUTION BOARD SCHEDULE

Project : Elmestead Community Centre			Purpose of Issue: Tender			Date: Oct-25			Issue: 1							
Kitchen Three Phase & Neutral Distribution Board Details																
DB Ref : K		DB Location: Kitchen				Supplied From: LV MCCB Panelboard										
DB Type: B		No. Of Phases: 3		Number of Ways: 8		Rated Current: 125A			Rated Voltage: 400 / 230V							
Incomer - Overcurrent Protective Device																
Type of Device: Switch Disconnecter			Rating (A): 125A			RCD N° of Poles: N/A			IΔn N/A mA							
Circuit Configuration																
Circuit Designation					Installation Details				Circuit Details							
CCT No.	Circuit Description				Wiring Type	Method	No. of Points	Cable Size (mm²)		Max Disc. Time	Overcurrent Protective Device				R C D	Max Zs
								PH	CPC		Secs	BS (EN)	Type	A		
1L1	Ring Circuit - Kitchen Sockets				D	D/5	1	2.5	1.5	0.4	61009	C	32	10	30	0.68
1L2	Ring Circuit - Kitchen Sockets				D	D/5	1	2.5	1.5	0.4	61009	C	32	10	30	0.68
1L3	Radial Circuit - Fridge				D	D/5	1	2.5	1.5	0.4	61009	C	20	10	30	1.09
2L1	Radial Circuit - freezer				D	D/5	1	2.5	1.5	0.4	61009	C	20	10	30	1.09
2L2	Radial Circuit - Dishwasher				D	D/5	1	4	2.5	0.4	61009	C	20	10	30	1.09
2L3	Ring Circuit - Kitchen Island Power				D	D/5	1	2.5	1.5	0.4	61009	B	32	10	30	1.37
3L1	Radial Circuit - HOB				D	D/5	1	10	2.5	0.4	61009	C	40	10	30	0.55
3L2	Radial Circuit - HOB				D	D/5	1	10	2.5	0.4	61009	C	40	10	30	0.55
3L3	Radial Circuit - Freezer				D	D/5	1	4	2.5	0.4	61009	C	20	10	30	1.09
4L1	Radial Circuit - Fridge				D	D/5	1	4	2.5	0.4	61009	C	20	10	30	1.09
4L2	Radial Circuit - Dishwasher				D	D/5	1	4	1.5	0.4	61009	C	20	10	30	1.09
4L3					D	D/5	1	4	2.5	0.4	61009	C	20	10	30	1.09
5L1	Radial Circuit - Cooker Hood				D	D/5	1	2.5	1.5	0.4	61009	C	20	10	30	1.09
5L2	Radial Circuit - Cooker Hood				D	D/3	1	2.5	1.5	0.4	61009	C	20	10	30	1.09
5L3					D	D/5	1	2.5	1.5	0.4	61009	C	20	10	30	1.09
6L1					D	D/5	1	4	2.5	0.4	61009	C	20	10	30	1.09
6L2					D	D/5	1	4	1.5	0.4	61009	C	20	10	30	1.09
6L3					D	D/5	1	4	2.5	0.4	61009	C	20	10	30	1.09
7L1					D	D/5	1	2.5	1.5	0.4	61009	C	20	10	30	1.09
7L2					D	D/5	1	2.5	1.5	0.4	61009	C	20	10	30	1.09
7L3																
8L1																
8L2																
8L3																

Circuit Configuration															
Circuit Designation				Installation Details				Circuit Details							
CCT No.	Circuit Description			Wiring Type	Method	No. of Points	Cable Size (mm²)		Max Dislc. Time	Overcurrent Protective Device				R C D	Max Zs
							PH	CPC		Secs	BS (EN)	Type	A		

Table A - Cable Wiring Types

A	B	C	D	E	F	G	H	I	J	K
PVC (Singles)	LSF (Singles)	PVC (Multi)	LSF (Multi)	XPLE/SWA/LSF	XPLE/SWA/PVC	PVC/SWA/PVC	Fire Resistant	MICC		
ALL CABLE WIRING TYPES TO BE IN ACCORDANCE WITH BS 7671 - IET WIRING REGULATIONS 18th EDITION										

Table B - Method of Installation Types

1	2	3	4	5	6	7	8	9	10	11
Clipped Direct	PVC High Impact Conduit / Capping	Metallic Conduit	Non Metallic Trunking	Metallic Trunking	Cable Tray (Touching or Spaced)	Cable Basket (Touching or Spaced)	Cable Ladder(Touching or Spaced)	Buried	Cable Ties / Clipped Direct	
ALL INSTALLATION METHODS TO BE AS BS 7671 - IET WIRING REGULATIONS 18th EDITION										

Comments
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